

217/782-2113

FEDERALLY ENFORCEABLE STATE OPERATING PERMIT - REVISED

PERMITTEE

Clarín  
A Division of Greenwich Industries, L.P.  
Attn: Ms. Evelyn Herron  
927 North Shore Drive  
Lake Bluff, Illinois 60044

<u>Application No.:</u> 96120023	<u>I.D. No.:</u> 097075AAP
<u>Applicant's Designation:</u>	<u>Date Received:</u> March 24, 2003
<u>Subject:</u> Metal Furniture Coating	
<u>Date Issued:</u>	<u>Expiration Date:</u> April 17, 2005
<u>Location:</u> 927 North Shore Drive, Lake Bluff	

This permit is hereby granted to the above-designated Permittee to OPERATE emission unit(s) and/or air pollution control equipment consisting of three electrostatic spray booths for metal furniture controlled by filter and one hand spray booth for metal furniture controlled by filter, pursuant to the above-referenced application. This Permit is subject to standard conditions attached hereto and the following special condition(s):

- 1a. This federally enforceable state operating permit is issued to limit the emissions of air pollutants from the source to less than major source thresholds (i.e., VOM less than 25 tons per year, any single HAP less than 10 tons per year, and total HAPs less than 25 tons per year). As a result, the source is excluded from the requirement to obtain a Clean Air Act Permit Program (CAAPP) permit. The maximum emissions of this source, as limited by the conditions of this permit, are described in Attachment A.
- b. Prior to issuance, a draft of this permit has undergone a public notice and comment period.
- c. This permit supersedes all operating permits issued for this location.
- 2a. Emissions and operation of the four spray booths shall not exceed the following limits:

<u>Material</u>	<u>Material Usage</u>		<u>VOM Emissions</u>	
	<u>(Gal/Mo)</u>	<u>(Gal/Yr)</u>	<u>(Ton/Mo)</u>	<u>(Ton/Yr)</u>
Baked Coatings	2,600	26,000	1.56	15.6
Air-Dried Coatings	400	4,000	0.24	2.4
Cleanup Solvents	120	1,200	0.45	4.5
Mineral Spirits (Parts Washer)	6	60	0.02	0.2
Totals:			2.27	22.7

These limits are based on maximum material usage and an average VOM content of 1.2 lb/gal, as applied. Compliance with annual limits shall be determined by a running total of 12 months of data.

- b. This permit is issued based on negligible emissions of particulate matter from the four spray booths. For this purpose, emissions from each emission source shall not exceed nominal emission rates of 0.1 lb/hour and 0.44 ton/year.
- c. The emissions of Hazardous Air Pollutants (HAP) as listed in Section 112(b) of the Clean Air Act shall be less than 10 tons/year of any single HAP and 25 tons/year of any combination of such HAPs. As a result of this condition, this permit is issued based on the emissions of all HAPs from this source not triggering the requirements to obtain a Clean Air Act Permit Program Permit (CAAPP), and Section 112(G) of the Clean Air Act.
3. Pursuant to 35 Ill. Adm. Code 218.204, the Permittee shall not apply at any time any coating in which the VOM content exceeds the following emission limitations for the specified coating:

<u>Regulation</u>	<u>Coating Type</u>	<u>VOM Content (Lb/Gal)</u>
35 Ill. Adm. Code 218.204(g) (1)	Air-Dried Metal Furniture Coating	2.8
35 Ill. Adm. Code 218.204(g) (2)	Baked Metal Furniture Coating	2.3

These emission limitations are expressed in units of weight of VOM per volume of coating (minus water and any compounds which are specifically exempted from the definition of VOM) as applied at each coating applicator.

4. The Permittee shall maintain the following records each day, pursuant to 35 Ill. Adm. Code 218.211(c) (2) for each coating line:
  - a. The name and identification number of each coating as applied on each coating line.
  - b. The weight of VOM per volume of each coating (minus water and any compounds which are specifically exempted from the definition of VOM) as applied each day on each coating line (lb/gal).
5. In addition, the Permittee shall maintain monthly records of the following items:
  - a. Name, usage, VOM content, and HAP content of all VOM-containing materials (gal/mo, gal/yr, lb/gal, and lb/gal).
  - b. Emissions of VOM (ton/mo and ton/yr).
  - c. Emissions of single and total HAPs (tons/mo and tons/yr).
6. All records and logs required by this permit shall be retained at a readily accessible location at the source for at least three years from

the date of entry and shall be made available for inspection and copying by the Illinois EPA or USEPA upon request. Any records retained in an electronic format (e.g., computer) shall be capable of being retrieved and printed on paper during normal source office hours so as to be able to respond to an Illinois EPA or USEPA request for records during the course of a source inspection.

7. If there is an exceedance of the requirements of this permit as determined by the records required by this permit, the Permittee shall submit a report to the Illinois EPA's Compliance Section in Springfield, Illinois within 30 days after the exceedance. The report shall include the emissions released in accordance with the recordkeeping requirements, a copy of the relevant records, and a description of the exceedance or violation and efforts to reduce emissions and future occurrences.
8. Two (2) copies of required reports and notifications concerning equipment operation or repairs, performance testing or a continuous monitoring system shall be sent to:

Illinois Environmental Protection Agency  
Division of Air Pollution Control  
Compliance Section (#40)  
P.O. Box 19276  
Springfield, Illinois 62794-9276

and one (1) copy shall be sent to the Illinois EPA's regional office at the following address unless otherwise indicated:

Illinois Environmental Protection Agency  
Division of Air Pollution Control  
9511 West Harrison  
Des Plaines, Illinois 60016

9. The Permittee shall submit the following additional information with the Annual Emissions Report, due May 1st of each year: annual coating and solvent usage from the prior calendar year. If there have been no exceedances during the prior calendar year, the Annual Emissions Report shall include a statement to that effect.

If you have any questions on this, please call Jim Kallmeyer at 217/782-2113.

Donald E. Sutton, P.E.  
Manager, Permit Section  
Division of Air Pollution Control

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cc: Illinois EPA, FOS Region 1  
Lotus Notes  
USEPA

Attachment A - Emission Summary

This attachment provides a summary of the maximum emissions from this coating facility operating in compliance with the requirements of this federally enforceable permit. In preparing this summary, the Illinois EPA used the annual operating scenario which results in maximum emissions from such a plant. The resulting maximum emissions are well below the levels (i.e., VOM less than 25 tons per year, any single HAP less than 10 tons per year, and total HAPs less than 25 tons per year), at which this source would be considered a major source for purposes of the Clean Air Act Permit Program. Actual emissions from this source will be less than predicted in this summary to the extent that less material is handled and control measures are more effective than required in this permit.

- 1a. Emissions and operation of the four spray booths shall not exceed the following limits:

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